

Claims

- [c1] A method for adding devices to a power management control system, said method comprising the steps of:
prompting a user to create a new project;
prompting the user to add devices to the new project;
executing a file to automatically configure the added devices; and
generating screens for the devices added to the project.
- [c2] A method according to Claim 1 wherein said step of prompting a user to create a new project comprises the step of prompting the user with a Power Builder option.
- [c3] A method according to Claim 2 further comprising the step of prompting the user with file selections available for execution, the file selections including a PCMS Power Builder file selection.
- [c4] A method according to Claim 1 wherein said step of prompting the user to add devices comprises the step of prompting a user to enter at least one of a device name, a device description, a device type, a resource and an application name for the selected device.
- [c5] A method according to Claim 1 further comprising the step of prompting a user to enter names and descriptions for the devices added to the project.
- [c6] A method according to Claim 1 wherein said step of generating screens for the devices further comprises the steps of:
creating points associated with the selected devices;
generating a main menu screen which contains pre-configured small faceplate template wizards for the selected devices; and
generating template wizard screens for the selected devices.
- [c7] A power control management system comprising:
a control computer;
at least one intelligent end device interfaced to said control computer for controlling and monitoring power; and

09634-0304

sl A

facilitate viewing of configured devices using HMI files.

- [c15] A system according to Claim 7 wherein said Power Builder configured with a template wizard to generate a small faceplate for a selected device.
- [c16] A system according to Claim 7 wherein said Power Builder configured to update a configuration for the project and restart the project after adding deleting or changing an intelligent end device.
- [c17] A computer programmed to:
prompt a user to create a project;
prompt a user to select devices to be added to the project;
configure the selected devices; and
generate screens for the selected devices.
- [c18] A computer according to Claim 17 wherein to prompt a user to create a project, said computer displays a computer generated screen with a selectable Power Builder function.
- [c19] A computer according to Claim 17 wherein to configure the selected devices, said computer displays at least one computer generated screen prompting a user to enter at least one of a device name, a device type, a description of the device, a resource for the device and an application name for the device.
- [c20] A computer according to Claim 17 wherein to generate screens for the selected devices, said computer displays a computer generated screen prompting a user to generate the screens.
- [c21] A method for facilitating automated addition and configuration of user selected devices to a power management control system, said method comprising the steps of:
building an external application onto a project framework;
automatically configuring components associated with selected devices; and
generating main menu screens for the selected devices.
- [c22] A method according to Claim 21 wherein said step of building an external

FOR OFFICIAL USE ONLY

restarting the project.

sl 1

FOUO "H2F350